

<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/509,432	KULIKOV ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Lars A. Olson	3617	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment received from the applicant on July 14, 2006.
2. ☒ The allowed claim(s) is/are 1-8.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☒ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |  |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)  | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)            |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment                               |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance   |
|   | 9. <input type="checkbox"/> Other _____.   |

### Reasons for Allowance

1. An amendment was received from the applicant on July 14, 2006.
2. Claims 1-8 are allowed.
3. The following is an examiner's statement of reasons for allowance. The complex for transferring a liquid cargo to a tanker as claimed is not shown or suggested in the prior art because of the use of a complex that is comprised of a offshore mooring berth with anchors, a tanker, a transferring underwater pipeline with a manifold and a flexible hose that connects said manifold to said tanker, a lifting device with a cable, an ice-breaker that is moored to said offshore mooring berth, a service boat, a diving well and a diving station that are arranged in the hull of said ice-breaker, and a device for protecting said flexible hose against icing, said device being in the form of a pontoon with a well for servicing said flexible hose.
4. The prior art as disclosed by Busch (US 4,648,848) shows the use of a single point spar buoy mooring apparatus for transferring a liquid to a tanker. Girardot et al. (US 4,617,000) discloses a mooring buoy in the form of a pontoon with a central well. Ortloff et al. (US 4,604,961) discloses a vessel mooring system for a marine environment with ice floes. However, none of the prior art cited shows or suggests a complex for transferring a liquid cargo to a tanker, said complex being comprised of a offshore mooring berth with anchors, a tanker, a transferring underwater pipeline with a manifold and a flexible hose that connects said manifold to said tanker, a lifting device with a cable, an ice-breaker that is moored to said offshore mooring berth, a service

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boat, a diving well and a diving station that are arranged in the hull of said ice-breaker, and a device for protecting said flexible hose against icing, said device being in the form of a pontoon with a well for servicing said flexible hose.

***Conclusion***

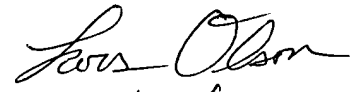
5. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

6. Any inquiry concerning this communication from the examiner should be directed to Exr. Lars Olson whose telephone number is (571) 272-6685.

lo

July 24, 2006

LARS A. OLSON  
PRIMARY EXAMINER

  
7/24/06